

CUYAHOGA VALLEY NATIONAL PARK

PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Cuyahoga Valley National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

A. Inductive loop traffic counters are installed at the following locations.

1. On the entrance lane of the access road, off Kendall Park Road, to the **Ledges** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
2. On the entrance lane of the access road, off Kendall Park Road, to the **Octagon** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
3. On the entrance lane of the access road, off Kendall Park Road, to the **Kendall Lake** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
4. On the west entrance lane of the access road, off Quick Road, to the **Pine Hollow (West)** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
5. On the east entrance lane of the access road, off Quick Road, to the **Pine Hollow (East)** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
6. On the entrance lane of the access road, off Quick Road, to the **Crowfoot Gully** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
7. On the entrance lane of the access road, off Quick Road, to the **Little Meadows** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
8. On the entrance lane of the access road, off Highway 303, to the south parking area of **Happy Days Information Center (South)**. The vehicle count is reduced for non-reportable vehicles (125 per month).
9. On the entrance lane of the access road, off Highway 303, to the north parking area of **Happy Days Information Center (North)**. The vehicle count is divided by 2 to adjust for south parking area vehicle crossings and reduced for non-reportable vehicles (125 per month).
10. On the entrance lane of the access road, off Brandywine Road, to the **Upper Brandywine Falls** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
11. On the entrance lane of the access road, off Brandywine Road, to the **Lower Brandywine Falls** overflow parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).

12. On the entrance lane of the access road, off Oak Hill Road, to the **Oak Hill** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
13. On the access road, off Boston Mills Road, to the **Blue Hen Falls** parking area. The vehicle count is divided by 2 to adjust for entering and exiting vehicles and reduced for non-reportable vehicles (125 per month).
14. On the entrance lane of the access road, off Riverview Road, to the **Indigo Lake** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
15. On the access road to the **Pine Lane Trailhead** parking area. The vehicle count is divided by 2 to adjust for entering and exiting vehicles and reduced for non-reportable vehicles (60 per month).
16. On the access road to the **Boston Trailhead** parking area.
17. On the entrance lane of the access road to the **Hike and Bike Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
18. On the access road, off Everett Road, to the **Everett Covered Bridge** parking area. The vehicle count is divided by 2 to adjust for entering and exiting vehicles and reduced for non-reportable vehicles (125 per month).
19. On the entrance lane of the access road to the **Wetmore Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
20. On the access road, off Stanford Road, to the **Stanford Youth Hostel Trailhead** parking area. The vehicle count is divided by 2 to adjust for entering and exiting vehicles and reduced for non-reportable vehicles (60 per month).
21. On the entrance lane of the access road to the **Redlock Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
22. On the entrance lane of the access road, off Hillside Road, to the **Canal Visitor Center** parking area. The vehicle count is reduced for non-reportable vehicles (125 per month).
23. On the entrance/exit lane at **Boston Store** parking area. The traffic count is divided by two to adjust for vehicles entering and exiting. The adjusted vehicle count is reduced for non-reportable vehicles (60 per month).
24. On the entrance lane to **Horseshoe Pond** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
25. On the entrance lane to **Lock 39 Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
26. On the entrance lane to **Indian Mound Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
27. On the entrance lane to **Station Road Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
28. On the entrance lane to **Lock 29 Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).

29. On the entrance lane to **Lock 29 Trailhead Overflow** parking area.
30. On the entrance lane to **Fitzwater Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month). (I'm not sure of the difference between 30 and 31).
31. On the entrance lane to **Fitzwater Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
32. On the entrance lane to **Frazee House** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
33. On the entrance lane to **Ira Road Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).
34. On the entrance lane to **Hunt Farm Trailhead** parking area. The vehicle count is reduced for non-reportable vehicles (60 per month).

The sum of the adjusted vehicle counts are multiplied by the persons-per-vehicle multiplier in Table 3.

B. Actual counts are taken at the following sites.

1. Stanford Youth Hostel
2. The Inn at Brandywine Falls
3. Scout Camp Hikers
4. NPS Oak Hill Environmental Center
5. Boston Mills Ski Area
6. Frazee House
7. Cuyahoga Valley Line
8. Hunt Farm Visitor Center

Total recreation visitors is the sum of A and B.

Non-recreation Visits

The number of persons entering the park on household retention and special use permit.

Recreation Visitor Hours

Recreation visitor hours are the sum of the subtotals of each of the units listed in Table 1. Each subtotal is the result of multiplying the number of visitors associated with that unit by its length-of-stay multiplier.

Table 1
Average Length of Stay Multipliers

UNIT	LENGTH OF STAY MULTIPLIER
LEDGES	Visitors times LOS Factor in Table 2
OCTAGON	Visitors times LOS Factor in Table 2
KENDALL LAKE	Visitors times LOS Factor in Table 2
PINE HOLLOW (East and West)	Visitors times LOS Factor in Table 2
CROWFOOT GULLY	Visitors times LOS Factor in Table 2
LITTLE MEADOW	Visitors times LOS Factor in Table 2
HAPPY DAYS VISITOR CENTER PARKING AREA (North and South)	Visitors times LOS Factor in Table 2
BRANDYWINE UPPER & OVERFLOW	Visitors times LOS Factor in Table 2
OAK HILL PARKING AREA	Visitors times LOS Factor in Table 2
BLUE HEN FALLS	Visitors times LOS Factor in Table 2
INDIGO LAKE	Visitors times LOS Factor in Table 2 times 2.0 Hours
PINE LANE TRAIL	Visitors times LOS Factor in Table 2 times 3.0 Hours
BOSTON STORE PARKING AREA	3.0 Hours
BOSTON TRAIL	3.0 Hours
HIKE/BIKE TRAIL	3.0 Hours
STATION ROAD TRAIL	3.0 Hours
LOCK 29 TRAIL	3.0 Hours
FRAZEE HOUSE PARKING AREA	3.0 Hours

IRA ROAD TRAIL	3.0 Hours
EVERETT COVERED BRIDGE	Visitors times LOS Factor in Table 2
WETMORE TRAILHEAD	Visitors times LOS Factor in Table 2 times 3.0 Hours
HORSESHOE POND	Visitors times LOS Factor in Table 2 times 3.0 Hours
STANFORD YOUTH HOSTEL TRAILHEAD	3.0 Hours
REDLOCK TRAILHEAD	Visitors times LOS Factor in Table 2 times 3.0 Hours
CANAL VISITOR CENTER PARKING AREA	Visitors times LOS Factor in Table 2
STANFORD YOUTH HOSTEL	12.0 Hours Per Overnight Stay
THE INN AT BRANDYWINE FALLS	12.0 Hours Per Overnight Stay
HAPPY DAYS VISITOR CENTER	0.6 Hour
CANAL VISITOR CENTER	0.6 Hour
HUNT FARM VISITOR CENTER	8.0 Hours
SCOUT CAMP HIKERS	4.0 Hours
UA ENVIRONMENTAL ED CENTER	8.0 Hours
BOSTON MILLS SKI AREA	4.0 Hours
CUYAHOGA VALLEY LINE	7.0 Hours
SPECIAL EVENT VISITORS	Visitors times LOS Factor in Table 2
LOCK 39 TRAIL	3.0 Hours
INDIAN MOUND TRAIL	3.0 Hours
LOCK 29 OVERFLOW	3.0 Hours
FITZWATER TRAIL	3.0 Hours
HUNT FARM TRAIL	3.0 Hours
FRAZEE HOUSE	3.0 Hours
BOSTON STORE	3.0 Hours
CREATIVE LIVING	3.0 Hours

Table 2
Average Length-of-Stay Multipliers

MONTH	AVERAGE LENGTH-OF-STAY MULTIPLIERS
JANUARY	0.75
FEBRUARY	0.76
MARCH	1.60
APRIL	0.70
MAY	4.20
JUNE	1.50
JULY	0.75
AUGUST	1.20
SEPTEMBER	2.00
OCTOBER	2.00
NOVEMBER	1.00
DECEMBER	1.00

Non-recreation Visitor Hours

1. Number of persons in household retention is multiplied by 0.5 hour.
2. Number of persons on special use permits is multiplied by 0.5 hour.

Overnight Stays

Concessioner Lodging - The Inn at Brandywine Falls

The number of overnight stays at concessioner managed lodge.

NPS Miscellaneous - Stanford Youth Hostel

The number of overnight stays at the hostel.

Table 3
Persons-Per-Vehicle Multipliers

MONTH	PERSONS-PER-VEHICLE
JANUARY	2.1
FEBRUARY	3.3
MARCH	2.7
APRIL	2.3
MAY	2.0
JUNE	3.3
JULY	3.0
AUGUST	3.0
SEPTEMBER	3.0
OCTOBER	3.0
NOVEMBER	2.6
DECEMBER	2.6